



**ALCO-SENSOR IV WITH PRINTER MAINTENANCE REPORT**

**REVIEWED** REPORT #7  
By Carol Day at 11:18 am, Nov 07, 2014

Complete this report in duplicate at the time of the regular monthly preventative maintenance check, and whenever instrument is repaired. Send copy to Department of Health and Senior Services; retain original in department file.

ALCO SENSOR IV SN 102473	PRINTER SN 08C.3527.124	DATE OF INSPECTION 09/20/2014
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LOCATION OF INSTRUMENT (STREET AND CITY) 1010 N. Boonville Springfield	TIME OF INSPECTION 10:07 am
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**CHECKLIST:** Place a mark in the box by each item if found to be satisfactory or if operating within established limits. (Write in observed values where determined.) Unmarked items must be corrected before using instrument.

DIGITAL READOUT (ALL ELEMENTS OPERATIONAL)

TEMPERATURE OF ALCO SENSOR (10°C - 40°C)

PRINTER WORKING PROPERLY

TIME AND DATE DISPLAYING PROPERLY

**BREATH ALCOHOL ACCURACY STANDARDS**

SIMULATOR SOLUTION  COMPRESSED ETHANOL-GAS MIXTURE

STANDARD SUPPLIER Guth Laboratories LOT # 13280 EXP. DATE 10/16/2015

SIMULATOR TEMPERATURE (34°C ± 0.2°C) 34.0 SIMULATOR SN SD2219 SIMULATOR EXP DATE 04/23/2015

CALIBRATION CHECK – (ONLY ONE STANDARD IS TO BE USED PER MAINTENANCE REPORT)

Run three tests using a standard solution. All three tests must be within ±5% of the standard value and must have a spread of .005 or less. Check the box corresponding to the standard solution being used. (PRINTOUT ATTACHED)

- 0.100% STANDARD - MUST READ BETWEEN 0.095% and 0.105% INCLUSIVE
- 0.080% STANDARD - MUST READ BETWEEN 0.076% and 0.084% INCLUSIVE
- 0.040% STANDARD - MUST READ BETWEEN 0.038% and 0.042% INCLUSIVE

TEST 1 ← .100

TEST 2 ← .100

TEST 3 ← .100

RFI DETECTOR OPERATING

**INDICATE THE NUMBER OF BREATH TESTS IN THE FOLLOWING RANGES SINCE THE LAST MAINTENANCE REPORT: (DO NOT INCLUDE SELF-ADMINISTERED TESTS)**

REFUSALS	1	(0-.04)	2	(.05-.09)	2	(.10-.14)	3	(.15-.19)	1	(OVER .19)	2
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List any new parts and describe any alteration or modification that was made to restore the instrument to operate satisfactorily and within established limits (use other side if necessary).

**INSPECTING OFFICER**

SIGNATURE  
▶ *Ronald L. Killingsworth*

PRINT NAME  
Ronald L. Killingsworth

TYPE II PERMIT NUMBER/EXPIRATION DATE  
230085 / 05/10/2015

TELEPHONE NUMBER  
(417) 829-6216

**Return completed report to the:** Breath Alcohol Program, MO Department of Health and Senior Services, Southeast District Office  
2875 James Boulevard  
Poplar Bluff, MO 63901



STATE OF MISSOURI  
DEPARTMENT OF HEALTH AND SENIOR SERVICES  
BREATH ALCOHOL PROGRAM

2

**PERMIT  
TYPE II**

**RONALD L KILLINGSWORTH**

is hereby authorized to instruct and supervise operators, train instructors, inspect, calibrate, perform field service and repairs, and operate the following breath analyzer(s):

**DATAMASTER, ALCO-SENSOR IV W/PRINTER**

for the determination of the alcoholic content of blood from a sample of expired air. Permit issued under the provisions of sections 577.020 through 577.041, RSMo and 306.111 through 306.119 RSMo.

DATE 05/10/2013

NUMBER 230085

EXPIRES 05/10/2015

*W. Killingsworth*

DIRECTOR OF STATE PUBLIC HEALTH LABORATORY

*David Vashelky*

*Auditing Director*

DIRECTOR OF DEPARTMENT OF HEALTH AND SENIOR SERVICES

LAB-4 (PS-10)

MO 880-0771 (8-10)



**GUTH LABORATORIES, INC.**

800 NORTH 67th STREET • HARRISBURG, PA 17111-4611 • TELEPHONE: 717-684-6470

## CERTIFICATE OF ANALYSIS

Certified Alcohol Reference Solution for Simulator

Random Samples of Lot Number **13280** of Alcohol Reference Solution for Simulator were analyzed by gas chromatography on **October 18, 2013**, using a Perkin Elmer Gas Chromatograph Autosystem XL S/N: 610N9030209, and found to contain **0.1217%** (w/vol) ethyl alcohol. The expiration date for this lot number is **October 16, 2015** at 11:59 PM.

When used in a calibrated Simulator, operating at  $34^{\circ}\text{C} \pm .2^{\circ}\text{C}$ , this solution will give a breath alcohol analysis instrument reading of **0.100 g/210L  $\pm$  3%**.

The alcohol and water used in this solution were free of test interfering substances.

Ted L. Pauley, President  
GUTH LABORATORIES, INC.

***NIST Traceability:***

*Testing was conducted using Cerilliant Reference Standard lot number FN122211-02 whose values are traceable to NIST.*

*All balances are calibrated annually by an outside agency using NIST traceable weights. Calibration verification is done prior to each use utilizing NIST traceable weights.*

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 00200

Temp	Date	Time	s/ 210L
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Air Blank:  
09/20/14 10:07 .000  
Calibration:  
23 09/20/14 10:07 .100

Subject Name

Test 1

Subject I.D.

Killingsworth, Ronald L.

Operator Name, I.D.

230085 / 05-10-15

Location

GCSO

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 00201

Temp	Date	Time	s/ 210L
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Air Blank:  
09/20/14 10:09 .000  
Calibration:  
24 09/20/14 10:09 .100

Subject Name

Test 2

Subject I.D.

Killingsworth, Ronald L.

Operator Name, I.D.

230085 / 05-10-15

Location

GCSO

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 00202

Temp	Date	Time	s/ 210L
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Air Blank:  
09/20/14 10:10 .000  
Calibration:  
24 09/20/14 10:10 .100

Subject Name

Test 3

Subject I.D.

Killingsworth, Ronald L.

Operator Name, I.D.

230085 / 05-10-15

Location

GCSO

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 00203

Temp Date Time <sup>9/</sup> 210L

Air Blank:  
09/20/14 10:12 .000  
Calibration Check:  
25 09/20/14 10:12 .102

Subject Name

Acc. Check

Subject I.D.

Killingsworth, Ronald L.

Operator Name, I.D.

230085/05-10-15

Location

GC50

AS IV Serial no: 102473  
Version no: 532B

TEST RECORD 00204

Temp Date Time <sup>9/</sup> 210L

VOID: RFI  
12 09/20/14 10:13

Subject Name

RFI Test

Subject I.D.

Killingsworth, Ronald L.

Operator Name, I.D.

230085/05-10-15

Location

GC50